DT07 Rec'd PCT/PT0 2 4 NOV 2004

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTTORNEY'S DOCKET NUMBER

3288

U.S. APPLICATION NO. 10 kts.w/, sec. 37 Jpd 1.5)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371									
INTERNATIONAL APPLICATION NO. PCT/EP03/06460		INTERNATIONAL FILING DATE 05/30/2003	PRIORITY DATE CLAIMED 5/29/2002						
TITLE OF HIG	INVENTION H FREQUENCY APPLICATION APP	ARATUS							
APPLICANT(S) FOR DO/EO/US									
Kai Desinger  Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. It is is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3. 📺	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4. X	The US has been elected (Article 31).								
5. <b>X</b>	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a.  is attached hereto (required only if not communicated by the International Bureau).								
	b. x has been communicated by the International Bureau.								
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. X	An English language translation of th	e International Application as filed (35 U.S.	C. 371(c)(2)).						
	a. x is attached hereto.								
	b.  has been previously submi	tted under 35 U.S.C. 154(d)(4).							
7. <b>X</b>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
į	a. are attached hereto (required only if not communicated by the International Bureau).								
	b. have been communicated	b. have been communicated by the International Bureau.							
). 	c. have not been made; however, the time limit for making such amendments has NOT expired.								
	d. Analysis and will not be made.								
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. <b>X</b>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern document(s) or information included:									
11. X	An Information Disclosure Statement	t under 37 CFR 1.97 and 1.98.							
12. 🔲	An assignment document for recordi	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.	A preliminary amendment.								
14.	An Application Data Sheet under 37 CFR 1.76.								
15. <b>X</b>	A substitute specification.								
16.	A power of attorney and/or change of address letter.								
17.	A computer-readable form of the sec	quence listing in accordance with PCT Rule	13ter.2 and 37 CFR 1.821- 1.825.						
18.	A second copy of the published Inter	national Application under 35 U.S.C. 154(d	)(4).						
19.	A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).								
20 🗆	Other items or information:								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 10-2004)
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U.S. APPLICATION N	APPLICATION NO. (if known, 32 SCER 1.5) INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NÜMBER 3238					
		<u> </u>		CALCULATIONS	PTO USE ONLY			
l <del></del> '	g fees are submitted: E (CFR 1.492(a)(1)–(5)):							
	eliminary examination fee (3	,						
nor international search and International Search	h fee (37 CFR 1.445(a)(2)) p ch Report not prepared by th							
USPTO but Internation	y examination fee (37 CFR and search Report prepared b							
but international search	y examination fee (37 CFR on fee (37 CFR on fee (37 CFR 1.445(a)(2)) p							
International preliminar but all claims did not sa	y examination fee (37 CFR attisfy provisions of PCT Artic							
and all claims satisfied	ry examination fee (37 CFR provisions of PCT Article 33 ENTER APPROPRIATED	\$ 950.00						
Surcharge of \$130.00 from the earliest claims	for furnishing the oath or dec ed priority date (37 CFR 1.49	\$ 130.00						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$				
Total claims	30 - 20 =	10	X \$18.00	\$ 180.00				
Independent claims	2 -3=		X \$88.00	\$				
MULTIPLE DEPENDE	NT CLAIM(S) (if applicable)		+ \$300.00	\$				
		\$ 1,260.00						
Applicant claims by ½.	small entity status. See 37 C	\$						
			SUBTOTAL =	\$ 1,260.00	·			
Processing fee of \$130 claimed priority date (3	0.00 for furnishing the English 37 CFR 1.492(f)).	\$						
		\$						
	enclosed assignment (37 CF) er sheet (37 CFR 3.28, 3.31)	\$						
		\$ 1,260.00						
/		Amount to be refunded:	\$ .					
		Amount to be charged:	\$					
a. A check in the amount of \$ 1,260.00 to cover the above fees is enclosed.								
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.								
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500246 A duplicate copy of this sheet is enclosed.								
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL CORRESPONDENCE TO:								
		hanie /1/	lemes					
Beck & Tysve	er, P.L.L.C. s Avenue S., Suite	1/1						
Minneapolis,	· · · · · · · · · · · · · · · · · · ·	ie J. James						
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